



Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

392.1831

APPLICATION NO.

10/692,801

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Atsushi WATANABE

FILING DATE

October 27, 2003

GROUP ART UNIT

3652

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|------------|----------------|-------|---------------|----------------|
| | AA | 5,934,856 | 08/10/1999 | Asakawa et al. | | | |
| | AB | 5,783,834 | 06/21/1998 | Shatas | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | TRANSLATION YES NO | | ABSTRACT |
|--|----|-----------------|------------|---------|-----------------------|---|------------------|
| | AG | 2001-100821 | 04/13/2001 | Japan | | X | X |
| | AH | 02295820 | 12/06/1990 | Japan | | X | Abstract only |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

| | | | | |
|--|----|--|--|--|
| | AM | | | |
|--|----|--|--|--|

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**ATTACHMENT 1(e)****EXPLANATIONS OF RELEVANCY
OF REFERENCES**

| | |
|----------------------|-----------------|
| ATTORNEY DOCKET NO. | APPLICATION NO. |
| 392.1831 | 10/692,801 |
| FIRST NAMED INVENTOR | |
| Atsushi WATANABE | |
| FILING DATE | GROUP ART UNIT |
| October 27, 2003 | 3652 |

*Please note that reference (AH) JP 02295820 only the English Abstract is being submitted, the reference in its entirety was cited in an U.S Office Action on August 18, 2006.



ATTACHMENT 1(g)

| | | |
|---|----------------------|-----------------|
| LIST OF ADDITIONAL SUBMITTED DOCUMENTS | ATTORNEY DOCKET NO. | APPLICATION NO. |
| | 392.1831 | 10/692,801 |
| | FIRST NAMED INVENTOR | |
| | Atsushi WATANABE | |
| | FILING DATE | GROUP ART UNIT |
| | October 27, 2003 | 3652 |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
| | BA | | | | | | |
| | BB | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION | |
|--|----|-----------------|------|---------|-------|---------------|-------------|----|
| | | | | | | | YES | NO |
| | BC | | | | | | | |
| | BD | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | | | | | TRANSLATION | |
|--|----|--|--|--|--|--|-------------|----|
| | | | | | | | YES | NO |
| | BE | European Search Report issued dated April 7, 2009 and issued in corresponding European Patent Application 03256730.7 | | | | | | |

| | |
|--|-----------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |